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Exhibit R-2, RDT&E Budget Item Justification: PB 2011 Navy									DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0307207N: Aerial Common Sensor (JMIP)							
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
Total Program Element	34.235	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	86.478
3015: EPX (EP-3E Replacement)	34.235	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	86.478
A. Mission Description and Budget Item Justification											
Funding starting in FY 2010 is shifted to new Program Element, PE 0307217N - EPX (EP-3 replacement).											
Provides funding for the Navy's EPX (EP-3 replacement) program. EPX is the Navy's recapitalization of existing manned airborne Intelligence, Surveillance, Reconnaissance (ISR) capabilities and will be a transformational multi-intelligence platform to fulfill Navy and OSD requirements. EPX RDT&E efforts will develop the system to meet the multi-intelligence ISR&Targeting requirements, ensure connectivity to other service platforms and ground stations, and address an ISR capability gap presented by service life limits of the legacy P-3 derivative aircraft.											
The Joint Requirements Oversight Council (JROC) validated Navy service requirements in December 2007, and the Navy has established EPX as the program to accomplish their ISR&T re-capitalization in accordance with JROC validation.											
FY08 Pre-MS A risk reduction efforts with industry participation included requirements analysis, Concept of Operations (CONOPS) development, trade study analysis, specification development, system concept development, and threat analysis. Analysis of Alternatives (AoA) was initiated in FY09.											
The Program will utilize PE 0307207N FY09 funds during transition of program effort to new PE 0307217N in FY10.											

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APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development		R-1 ITEM NOMENCLATURE PE 0307207N: Aerial Common Sensor (JMIP)			
B. Program Change Summary (\$ in Millions)					
	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
Previous President's Budget	74.230	0.000	0.000	0.000	0.000
Current President's Budget	34.235	0.000	0.000	0.000	0.000
Total Adjustments	-39.995	0.000	0.000	0.000	0.000
• Congressional General Reductions		0.000			
• Congressional Directed Reductions		0.000			
• Congressional Rescissions	0.000	0.000			
• Congressional Adds		0.000			
• Congressional Directed Transfers		0.000			
• Reprogrammings	-9.995	0.000			
• SBIR/STTR Transfer	0.000	0.000			
• Congressional Recision Adjustments	-30.000	0.000	0.000	0.000	0.000
Change Summary Explanation					
Technical: FY09 tasks included initiation of AoA and preparation for FY10 activity.					
Schedule: USD, AT&L directed that an EPX Analysis of Alternatives (AoA) be completed assessing a wide range of alternatives.					
FY11 from previous President's Budget is shown as zero because no FY11-15 data was presented in President's Budget 2010.					

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy								DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i>				R-1 ITEM NOMENCLATURE PE 0307207N: <i>Aerial Common Sensor (JMIP)</i>				PROJECT 3015: <i>EPX (EP-3E Replacement)</i>			
COST (\$ in Millions)	FY 2009 Actual	FY 2010 Estimate	FY 2011 Base Estimate	FY 2011 OCO Estimate	FY 2011 Total Estimate	FY 2012 Estimate	FY 2013 Estimate	FY 2014 Estimate	FY 2015 Estimate	Cost To Complete	Total Cost
3015: <i>EPX (EP-3E Replacement)</i>	34.235	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	86.478
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0	0		

A. Mission Description and Budget Item Justification

Funding starting in FY 2010 is shifted to new Program Element, PE 0307217N - EPX (EP-3 replacement).

Provides funding for the Navy's EPX (EP-3 replacement) program. EPX is the Navy's recapitalization of existing manned airborne Intelligence, Surveillance, Reconnaissance (ISR) capabilities and will be a transformational multi-intelligence platform to fulfill Navy and OSD requirements. EPX RDT&E efforts will develop the system to meet the multi-intelligence ISR&Targeting requirements, ensure connectivity to other service platforms and ground stations, and address an ISR capability gap presented by service life limits of the legacy P-3 derivative aircraft.

The Joint Requirements Oversight Council (JROC) validated Navy service requirements in December 2007, and the Navy has established EPX as the program to accomplish their ISR&T re-capitalization in accordance with JROC validation.

FY08 Pre-MS A risk reduction efforts with industry participation included requirements analysis, Concept of Operations (CONOPS) development, trade study analysis, specification development, system concept development, and threat analysis. Analysis of Alternatives (AoA) was initiated in FY09.

The Program will utilize PE 0307207N FY09 funds during transition of program effort to new PE 0307217N in FY10.

B. Accomplishments/Planned Program (\$ in Millions)

	FY 2009	FY 2010	FY 2011 Base	FY 2011 OCO	FY 2011 Total
EPX Trade Study and Tech Develop Activities <i>FY 2009 Accomplishments:</i> Finalized analysis plan and initiated alternatives evaluation.	6.412	0.000	0.000	0.000	0.000
EPX govt/contr sys eng support; ISR study	27.823	0.000	0.000	0.000	0.000

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Exhibit R-2A, RDT&E Project Justification: PB 2011 Navy				DATE: February 2010	
APPROPRIATION/BUDGET ACTIVITY 1319: <i>Research, Development, Test & Evaluation, Navy</i> BA 7: <i>Operational Systems Development</i>		R-1 ITEM NOMENCLATURE PE 0307207N: <i>Aerial Common Sensor (JMIP)</i>		PROJECT 3015: <i>EPX (EP-3E Replacement)</i>	
B. Accomplishments/Planned Program (\$ in Millions)					
				FY 2009	FY 2010
				FY 2011 Base	FY 2011 OCO
				FY 2011 Total	
<i>FY 2009 Accomplishments:</i> Funded Government and Contractor systems engineering and program management support to accomplish technical activities.					
Accomplishments/Planned Programs Subtotals				34.235	0.000
				0.000	0.000
				0.000	0.000
C. Other Program Funding Summary (\$ in Millions)					
N/A					
D. Acquisition Strategy					
Analysis of Alternatives (AoA) will inform way ahead.					
E. Performance Metrics					
Completed AoA.					

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy											DATE: February 2010			
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development					R-1 ITEM NOMENCLATURE PE 0307207N: Aerial Common Sensor (JMIP)				PROJECT 3015: EPX (EP-3E Replacement)					
Product Development (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Primary HWD Dev	C/CPAF	Various Various	19.590	0.000		0.000		0.000		0.000	0.000	19.590	Continuing	
Primary Hdw Dev - Trade Study	C/FFP	Various Various	5.250	0.000		0.000		0.000		0.000	0.000	5.250	Continuing	
Studies & Analyses	WR	NAWCAD PAX RIVER, MD	6.412	0.000		0.000		0.000		0.000	0.000	6.412	Continuing	
Systems Engineering	WR	NAWCAD PAX RIVER, MD	8.318	0.000		0.000		0.000		0.000	0.000	8.318	Continuing	
Training Development	WR	NAWCTSD ORLANDO, FL	0.952	0.000		0.000		0.000		0.000	0.000	0.952	Continuing	
Subtotal			40.522	0.000		0.000		0.000		0.000	0.000	40.522		
Remarks														
Support (\$ in Millions)														
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total				
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract	
Development Support	WR	NAWCAD PAX RIVER, MD	0.498	0.000		0.000		0.000		0.000	0.000	0.498	Continuing	
Development Support	WR	Various Various	0.320	0.000		0.000		0.000		0.000	0.000	0.320	Continuing	

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Exhibit R-3, RDT&E Project Cost Analysis: PB 2011 Navy											DATE: February 2010		
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development				R-1 ITEM NOMENCLATURE PE 0307207N: Aerial Common Sensor (JMIP)				PROJECT 3015: EPX (EP-3E Replacement)					
Support (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Software Development	WR	NAWCAD PAX RIVER, MD	0.780	0.000		0.000		0.000		0.000	0.000	0.780	Continuing
Subtotal			1.598	0.000		0.000		0.000		0.000	0.000	1.598	
Remarks													
Test and Evaluation (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
Developmental Test & Evaluation	WR	NAWCAD PAX RIVER, MD	0.950	0.000		0.000		0.000		0.000	0.000	0.950	Continuing
Subtotal			0.950	0.000		0.000		0.000		0.000	0.000	0.950	
Remarks													

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Management Services (\$ in Millions)													
				FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total			
Cost Category Item	Contract Method & Type	Performing Activity & Location	Total Prior Years Cost	Cost	Award Date	Cost	Award Date	Cost	Award Date	Cost	Cost To Complete	Total Cost	Target Value of Contract
ENG & TECH SRVC (NON-FFRDC)	C/CPFF	AT&T GOVT SOL Virginia	13.261	0.000		0.000		0.000		0.000	0.000	13.261	Continuing
ENG & TECH SRVC (NON-FFRDC)	C/CPFF	JHU COLUMBIA, MD	6.721	0.000		0.000		0.000		0.000	0.000	6.721	Continuing
Government Engineering Support	WR	NAWCAD PAX RIVER, MD	4.996	0.000		0.000		0.000		0.000	0.000	4.996	Continuing
Government Engineering Support	WR	Various Various	6.386	0.000		0.000		0.000		0.000	0.000	6.386	Continuing
Program Management Support	WR	NAWCAD PAX RIVER, MD	8.613	0.000		0.000		0.000		0.000	0.000	8.613	Continuing
Travel	WR	NAWCAD PAX RIVER, MD	0.598	0.000		0.000		0.000		0.000	0.000	0.598	Continuing
Subtotal			40.575	0.000		0.000		0.000		0.000	0.000	40.575	
Remarks													
			Total Prior Years Cost	FY 2010		FY 2011 Base		FY 2011 OCO		FY 2011 Total	Cost To Complete	Total Cost	Target Value of Contract
Project Cost Totals			83.645	0.000		0.000		0.000		0.000	0.000	83.645	
Remarks Dollars may not add due to rounding.													

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Exhibit R-4, RDT&E Schedule Profile: PB 2011 Navy																				DATE: February 2010										
APPROPRIATION/BUDGET ACTIVITY 1319: Research, Development, Test & Evaluation, Navy BA 7: Operational Systems Development										R-1 ITEM NOMENCLATURE PE 0307207N: Aerial Common Sensor (JMIP)										PROJECT 3015: EPX (EP-3E Replacement)										
EXHIBIT R4, Schedule Profile																								DATE: February 2010						
APPROPRIATION/BUDGET ACTIVITY 1319 RDT&E, N / BA-7 Operational System Development										PROGRAM ELEMENT NUMBER AND NAME 0307207N, AERIAL COMMON SENSOR										PROJECT NUMBER AND NAME 3015 AERIAL COMMON SENSOR										
Fiscal Year		2009				2010				2011				2012				2013				2014				2015				
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Acquisition Milestones																														
Contract Milestones																														
System Development																														
Analysis of Alternatives																														
Software 1XXSW Delivery 2XXSW Delivery																														
Test & Evaluation Milestones																														
Development Test																														
Operational Test																														
Production Milestones																														
Production Deliveries																														

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Exhibit R-4A, RDT&E Schedule Details: PB 2011 Navy			DATE: February 2010
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Schedule Details

Event	Start		End	
	Quarter	Year	Quarter	Year
AoA	3	2009	3	2010
Study Contracts	4	2010	4	2010
Milestone A	1	2011	1	2011

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